· Abstract

The present invention discloses a method for implementing traversal through network address translation. The method adopts a FULL PROXY mode for implementing traversal through Network Address Translation (NAT) server or Firewall (FW) by simultaneously relaying call signalings and media streams from a user terminal in a private network. Meanwhile, a system for implementing traversal through network address translation is disclosed. In accordance with this invention, no reconstruction of existing NAT/FWs and user terminals are needed for implementing traversal in any networking architecture while issues of Quality of Service (QoS), security, and aged mapping list of NAT can be solved.